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LISTS OF SPECIES

Tree Wealth of Eastern Ghats of Andhra Pradesh, India: An updated checklist

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Abstract: A checklist of all indigenous and naturalized trees of Eastern Ghats of Andhra Pradesh State, India was made. There are as many as 510 taxa (73 families, 252 genera) in the Eastern Ghats of Andhra Pradesh State which here enumerated under family names alphabetically. The nomenclature of the taxa is updated. The popular name, trade name, tree height, vegetation type, and district-wise distribution to each taxon are provided in tabular form. Country of origin / nativity was provided for exotic species. Of the total 510 indigenous/naturalised species, 40% are distributed in a wide variety of vegetation types.

Introduction

Trees are the major constituents of forests and have been called the structural elements of the ecosystem. A tree, by forester's and ecologist's definition, is a woody plant that attains diameter of 10cm (30cm girth) or more at the breast height (130cm above ground). The trees differ from other plants in having cambium tissue that accounts for the woody nature of the stem. Shrubs, which are also woody, differ from trees as the first branch extensively from the base near the ground while the trees branch much above and usually have a single stem emerging from the ground level.

Trees provide basic needs of human beings in the form of air, food, timber, plywood, paper, fuel wood, medicine etc. They form the most noticeable living objects. In the absence of a detailed database of tree wealth Eastern Ghats of Andhra Pradesh, the present study has been undertaken

Material and Methods

The Eastern Ghats are isolated hill ranges in Peninsular India, that harbours primarily tropical deciduous vegetation, found in eastern parts of Orissa, Andhra Pradesh and Tamil Nadu. Eastern Ghats of Andhra Pradesh (lying between 13°30' - 19°07' N and 77°28' - 84°45' E) covers a hilly terrain of *Coastal Andhra* with nine districts: Srikakulam, Vizianagaram, Visakhapatnam, East Godavari, West Godavari (north coastal districts), Guntur, Krishna, Nellore, Prakasam (south coastal districts) and (2) *Rayalaseema* with four Ceded districts: Anantapur, Chittoor, Cuddapah and Kurnool (3) *Telangana* (Deccan) with 3 districts: Khammam, Mahabubnagar, Nalgonda (Figure 1).

The wide range of topography and other physical features of the Eastern Ghats in Andhra Pradesh State, provided by the hills raising to about 1527 m altitude, shaped the land to harbour rich and varied flora. The principal geological formations were Charnockites and Khondalites in northern part and Quartzites and Slate formations (Cuddapah basin) in southern part. The rainfall varies in between 600 mm in southern Eastern Ghats to 1700 mm in northern Eastern Ghats. The forests in the Ghats are broadly classified into Tropical Dry Deciduous, Tropical Moist Deciduous, Tropical Semi-Evergreen, Tropical Thorn (scrub) and Tropical Dry Evergreen types (Champion & Seth, 1968). The number of

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flowering plant taxa occurring in the Andhra Pradesh is 2750 (Gamble & Fischer 1935, Pullaiah et al., 1997, Reddy et al. 2001, Reddy et al. 2002, Reddy & Raju, 2006).

Information from three sources was utilized to prepare a checklist: specimens deposited in various herbaria, taxonomic literature, and field surveys. Information of species presents family and genus-wise alphabetically arranged (Table 1). Additional information such as popular (Telugu) and trade names, tree height (large, medium or small), vegetation type, district-wise distribution in the Eastern Ghats of State are provided.

Figure 1. Map of India showing Eastern Ghats in Andhra Pradesh state.

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Results and Discussion

The present article records 510 trees, which pertain to 252 genera of 73 families of flowering plants. Of the 73 families, 20 are represented by single species and 12 with more than 11 species. Euphorbiaceae is the dominant family with 60 species, followed by Rubiaceae (38), Moraceae (27), Mimosaceae (25), Verbenaceae (21), Rutaceae (20). Caesalpiniaceae (17), Tiliaceae (16), Meliaceae (13), Cordiaceae (12), Lauraceae (12), Papilionaceae (12). They add up to 273 species (53 %). Tree height is ranges from 61 % of small trees, 28 % of medium sized and 11 % of large trees.

Of the total 510 indigenous/naturalised species, 40 % are distributed in a wide variety of vegetation types (i.e. are 'wide niched' or 'generalists') while 60 % are restricted to single vegetation type (i.e. are 'narrow niched' or 'habitat specialists'). Vegetation type wise analysis reveals that, nearly 61.2 % of the taxa inhabit moist deciduous forests, 42.4 % of in dry deciduous forests, 32.2 % of in semievergreen forests, 10.2 % in thorn forests and dry evergreen (1 %). Of these, moist deciduous forests contain 74 exclusive species, followed by dry deciduous forests (45), semievergreen (42) and thorn (22).

The district-wise analysis of Eastern Ghats shows that 201 species were common to all the districts. Visakhapatnam with 329 taxa tops the list, followed by East Godavari (252), Chittoor (244), Cuddapah (236), and Kurnool (229). The large number of reports from the above districts may be due to more exploratory studies and/ or their geographic locations.

Table 1. Checklist of tree wealth of Eastern Ghats of Andhra Pradesh, India.

Sl.	Botanical name	Tree Height	Vegetation type	Distribution
Aceraceae				
1	*Acer niveum* Blume	Large	Semievergreen forests	VSKP
Alangiaceae				
2	*Alangium chinense* (Lour.) Harms (*A.begonifolium* Baillon)	Small	Thorn forests	VJN,VSKP
3	*A. salvifolium* (L.f.) Wangerin ssp. *salvifolium* (*A. decapetalum* Lam.)	Small	Thorn forests and hedges	All districts
4	*A.hexapetalum* Lam.	Small	Thorn forests and hedges	All districts
Anacardiaceae				
5	*Anacardium occidentale* L.	Medium	Cultivated; naturalised in forests	All districts
6	*Buchanania axillaris* (Desr.) Ramam.(*B. angustifolia* Roxb.)	Small	Deciduous forests	All districts
7	*B. lanzan* Spreng.	Small to medium	Deciduous forests	All districts
8	*Lannea coromandelica* (Houtt.) Merr.	Medium	Deciduous forests	All districts
9	*Mangifera indica* L.	Medium	Deciduous forests/cultivated	All districts
10	*Nothopegia heyneana* (Hook.f)	Small	Moist deciduous and Semievergreen forests	VSKP
11	*Rhus mysorensis* G.Don	Small	Thorn forests	All districts
12	*R. paniculata* Wall ex Hook.f	Small	Hills of Moist Deciduous forests	All districts
13	*Semecarpus anacardium* L.f.	Small	Deciduous forests	All districts
14	*Spondias pinnata* (L.f.) Kurz (*S.*	Medium	Moist deciduous and	CDP

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Sl.	Botanical name	Tree Height	Vegetation type	Distribution
	mangifera Willd..)		Semievergreen forests	
Annonaceae				
15	*Alphonsea madraspatana* Bedd.	Medium	Moist deciduous and Semievergreen forests	VSKP, CDP
16	*A. sclerocarpa* Thw.	Medium	Moist deciduous and Semievergreen forests	VJN,VSKP, EG, CTR,CDP.
17	*Annona reticulata* L.	Small	Cultivated/Naturalised in skirts of villages and Thorn forests	All districts
18	*A. squamosa* L.	Small	Cultivated/Naturalised in skirts of villages and Thorn forests	All districts
19	*Miliusa montana* Gardn.ex Hook.f. & Thoms.	Small	Deciduous forests	NLR,CDP
20	*M. tomentosa* (Roxb.) Sinclair (*Saccopetalum tomentosum* Hook.f. & Thoms.)	Medium	Deciduous forests	VSKP, EG, KNL.
21	*M. velutina* Hook.f. & Thoms	Medium	Deciduous forests	VSKP,KNL,NLR.
22	*Polyalthia cerasoides* (Roxb.)Bedd.	Small	Deciduous forests	All districts.
23	*P. suberosa* (Roxb.)Thw.	Small	Deciduous forests	N. Coastal districts.
24	*Uvaria hamiltonii* Hook.f. & Thoms.	Small	Hills of Moist Deciduous forests	EG, VSKP
Apocynaceae				
25	*Alstonia nerifoloia* D.Don	Small	Hills of Moist Deciduous forests	EG
26	*A. scholaris* (L.) R.Br	Large	Moist deciduous forests/ cultivated	N. coastal districts; Cultivated in all districts
27	*A. venenata* R. Br	Small	Moist deciduous and Semievergreen forests	N. Coastal districts, CDP,KMM
28	*Carissa carandas* L.	Small	Thorn forests	VSKP, EG, WG, & KSN,CDP
29	*Cascabela thevetia* (L.) Lippold (*Thevetia nerifolia* Juss.)	Small	Cultivated / Naturalised	All districts
30	*Holarrhena pubescens* (Buch.-Ham.) Wall. ex G.Don (*H. antidysenmterica* Wall. ex DC.)	Small	Deciduous forests	All districts
31	*Wrightia arborea* (Dennst.) Mabb.(*W. tomentosa* Roem. & Schult)	Small	Deciduous forests	All districts
32	*Wrightia tinctoria* R.Br.	Small to medium	Dry deciduous and Thorn forests	All districts
Araliaceae				
33	*Schefflera clarkiana* Craib	Small	Semievergreen forests	VSKP, EG
34	*S. roxburghii* Gamble	Small	Semievergreen forests	VSKP, EG, WG
35	*S. venulosa* (Wight & Arn.)	Small	Moist deciduous and Semievergreen forests	NLG, MBN, GNT, CDP
Arecaceae				
36	*Borassus flabellifer* L.	Very large	Thorn forests; Disturbed localities, Aggressive colonizer	All districts
37	*Caryota urens* L.	Very large	Moist deciduous forests/ cultivated	All districts

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Sl.	Botanical name	Tree Height	Vegetation type	Distribution
38	*Phoenix lourierii* Kunth (*P. humilis* Royle)	Small	Disturbed places; Thorn forests	All districts
39	*P. robusta* (Becc) Becc & Hook.f.	Large	Moist deciduous and Semievergreen forests	VSKP, CDP, NLR, WG
40	*P. sylvestris* Roxb.	Very large	Disturbed places; Thorn forests	All districts
Balanitaceae				
41	*Balanites aegyptiaca* (L.) Del.(*B. roxburghii* Planch.)	Small	Thorn forests	All districts
Barringtoniaceae				
42	*Barringtonia acutangula(L.)* Gaertn.subsp. *acutangula*	Medium	River banks & streams in Dry deciduous forests	All districts.
Bignoniaceae				
43	*Dolichandrone arcuata* (Wight) Clarke	Medium	Deciduous forests	Rayalaseema, MBN
44	*D. atrovirens* (Roth.) Sprague (*D. crispa* Seem)	Small	Deciduous forests	Rayalaseema & NLR
45	*D. falcata* (Wall. Ex DC.) Seem	Small	Thorn forests & dry Deciduous forests	All districts
46	*D. falcata* Seem var. lawii (Seem) Haines	Small	Deciduous forests	CDP
47	*Heterophargma quadriloculare* (Roxb.) Schum. (*H. roxburghii* DC.)	Medium	Deciduous forests	VSKP, EG, WG & KMM
48	*Millingtonia hortensis* L.f.	Medium	Cultivated / Naturalised	All districts
49	*Oroxylum indicum* (L.) Vent.	Small	Deciduous forests	All districts
50	*Radermachera xylocarpa* (Roxb.) Schum.	Large	Moist deciduous and Semievergreen forests	KMM, CTR, VSKP, EG, WG
51	*Stereospermum angustifolium* Haines	Small	Deciduous forests	N.Coastal districts
52	*S. personatum* (Hassk.) Chatterjee (*S. chelonoides* auct. non (L.F.) DC.)	Small to medium	Deciduous and Semievergreen forests	All districts
53	*S. suaveolens* (Roxb.) DC.	Medium	Deciduous and Semievergreen forests	All districts
Bombacaceae				
54	*Bombax ceiba* L.(*B. malabaricum* DC.)	Large to very large	Dry deciduous forests/cultivated	All districts
55	*Ceiba pentandra* (L.) Gaertn.	Medium	Cultivated / Naturalised	All districts
Burseraceae				
56	*Boswellia ovalifoliolata* Balk.ex Henry	Medium	Deciduous forests	Nallamalais, CTR
57	*Boswellia serrata* Roxb. ex Colebr.(*B. glabra* Roxb.)	Medium	Deciduous forests	All districts
58	*Commiphora berryi* (Arn.) Engler	Small	Deciduous forests	KSN,GNT
59	*Commiphora caudata* (Wight & Arn.) Engler (*Protium caudatum* Wight & Arn.)	Medium	Dry deciduous forests/cultivated	All districts
60	*Garuga pinnata* Roxb.	Medium	Deciduous forests	All districts
61	*Protium serratum* (Colebr.) Engler	Medium to large	Deciduous forests	VSKP, EG, WG and KNL
Buxaceae				
62	*Sarcococca trinervia* Wight	Small	Semievergreen forests	VSKP, EG

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Sl.	Botanical name	Tree Height	Vegetation type	Distribution
Caesalpiniaceae				
63	*B. malabarica* Roxb.	Medium to large	Deciduous forests	VSKP, EG, WG,CTR, KNL, KMM,
64	*B. purpurea* L	Medium	Dry deciduous forests/Cultivated	All districts
65	*B. racemosa* Lam	Small	Thorn & Dry Deciduous forests	All districts
66	*Bauhinia semla* Wunderin (*B. retusa* Ham. ex Roxb.)	Small	Moist deciduous and Semievergreen forests	VSKP, KMM
67	*B. tomentosa* L.	Small	Dry deciduous forests/Cultivated	All districts
68	*B. variegata* L. var. *variegata*	Medium	Dry deciduous forests/Cultivated	All districts
69	*Caesalpinia pulcherrima* (L.) Sw.	Small	Cultivated / Naturalised	All districts
70	*Cassia alata* L.	Small	Cultivated / naturalised	EG, VSKP
71	*Cassia fistula* L.	Small	Thorn & dry Deciduous	All districts
72	*C. montana* Heyne ex Roth	Small	Thorn forests	Rayalaseema
73	*C. suffruticosa Koen* ex Roth	Small	Deciduous forests	All districts
74	*C. surattensis Burm.* f. (*C .glauca* Lam)	Small	Deciduous forests	CTR
75	*Delonix elata* Gamble	Medium	Cultivated / Naturalised	All districts
76	*D. regia* Raf.	Medium	Cultivated / Naturalised	All districts
77	*Hardwickia binata* Roxb.	Large	Deciduous forests	All districts
78	*Saraca asoca* (Roxb.) De Wilde (S. indica L.)	Small	Moist deciduous forests / Cultivated	VSKP, SKLM (endangered)
79	*Tamarindus indica* L.	Small	Cultivated / Naturalised in Thorn and degraded forests	All districts
Capparaceae				
80	*Cadaba fruticosa* (L.) Druce (C. indica Lam.)	Small	Thorn forests & hedges.	All districts
81	*Cadaba trifoliata* (Roxb.) Wight & Arn.	Small	Deciduous forests	NLR,KNL,CDP.
82	*Capparis brevispina* DC.	Small	Deciduous forests	VSKP,NLR.
83	*Capparis divaricata* Lam.	Small	Thorn forests	All districts.
84	*C. grandis* L.f.	Small	Thorn forests	EG, KMM, GNT,KNL.
85	*Crateva magna* (Lour.) DC.(C. religiosa sensu Dunn)	Small	Riverbanks, outskirts of villages/planted in Temples & Ghats, Thorn forests	All districts
86	*Maerua apetala* (Roth) Jacobs	Small	Deciduous forests	All districts
Celastraceae				
87	*Cassine glauca* (Rottb.) O. Kuntz (Elaeodendron roxburghii Wight & Arn.)	Small	Deciduous forests	All districts
88	*Euonymus glaber* Roxb.	Medium	Semievergreen forests	VJN, SKLM
89	*Maytenus emarginata* (Willd..) Ding Hou (Gymnosporia emarginata (Willd..)Thw., G. montana (Roth) Benth.)	Small	Dry deciduous and Thorn forests	All districts
90	*M. heyneana* (Roth) Raju & Babu	Small	Moist deciduous and Semievergreen forests	VSKP, CTR
91	*M. hookeri* Loes	Small	Moist deciduous and Semievergreen forests	VSKP

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Sl.	Botanical name	Tree Height	Vegetation type	Distribution
92	*M. rufa* (Wall.) Hara.	Small	Moist deciduous and Semievergreen forests	VSKP, EG, KMM
93	*Pleurostylia opposita* (Wall.) Alston	Small	Deciduous forests	VSKP, EG, NLR, CDP, CTR
94	*Salacia chinensis* L.	Small	Deciduous and Semievergreen forests	North Coastal districts
95	*Siphondon celastrinus* Griff	Small	Moist deciduous and Semievergreen forests	VSKP, EG
Clusiaceae				
96	*Calophyllum inophyllum* L.	Medium	Moist deciduous forests/ cultivated	EG, WG,VSKP, NLR, CDP, MBN
97	*Garcinia spicata* (Wight & Arn.) Hook.f.	Medium	Moist Deciduous, Semievergreen	Costal NLR
98	*G. xanthochymus* Hook.f. ex.T. And. (*G. tinctoria* (DC) Wight)	Large	Moist deciduous and Semievergreen forests	VSKP, SKLM, VJN, EG
99	*Mesua ferrea* L. (*M. nagassarium* (Burm.f.) Kosterm)	Large	Semievergreen forests	SKLM
Cochlospermaceae				
100	*Cochlospermum religiosum* (L.) Alston	Medium	Deciduous forests	All districts
Combretaceae				
101	*Anogeissus acuminata* (Roxb. ex DC.)	Large	Streams of dry deciduous forests and coastal forests	VSKP, EG, GNT, KSN
102	*A. latifolia* (Roxb. ex DC.) Wall ex Guill. & Perr.	Large	Deciduous forests	All districts
103	*Terminalia alata* Heyne ex Roth.(T. tomentosa (Roxb ex DC.) Wight & Arn.)	Large	Deciduous and Semievergreen forests	All districts
104	*T. arjuna* (Roxb ex DC.) Wight & Arn.	Large	River banks & Streams in Dry deciduous forests (Riparian forests)	All districts
105	*T.bellirica* (Gaertn.) Roxb.	Large	Deciduous and Semievergreen forests	All districts
106	*T. catappa* L.	Medium	Cultivated / naturalised	All districts
107	*T.chebula* Retz.	Large	Moist deciduous and Semievergreen forests	All districts
108	*T. coriacea* (Roxb.) Wight & Arn.	Medium	Deciduous forests	VSKP, EG, KNL
109	*T. gella* Dalz.	Medium	Semievergreen forests	ATP,KNL,GNT, NLG
110	*T. pallida* Brandis	Small	Deciduous forests	CDP, CTR
111	*T. paniculata* Roth	Medium	Moist deciduous and Semievergreen forests	CDP, CTR, VSKP
Cordiaceae				
112	*Cordia dichotoma* Forst.(*C. obliqua* Willd..)	Small	Dry deciduous forests & hedges/cultivated	All districts
113	*C. domestica* Roth	Small	Thorn forests	CDP. WG
114	*C. evolutior* (Clarke) Gamble	Medium	Deciduous forests	KNL, KSN
115	*C. gharaf* (Forssk.) Ehrenb.(C. rothii Roem. & Schult.)	Small	Deciduous forests	Rayalaseema
116	*C. macleodii* Hook. F & Thoms	Small	Deciduous forests	KMM
117	*C. monoica* Roxb.	Small	Deciduous forests	All districts
118	*C. wallichii* G. Don	Medium	Deciduous forests	KMM
119	*Ehretia acuminata* R. Br.	Small	Moist deciduous and	VSKP

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Sl.	Botanical name	Tree Height	Vegetation type	Distribution
			Semievergreen forests	
120	*E. aspera* Willd.	Small	Deciduous forests	All districts
121	*E. canarensis* (Clarke) Gamble	Small	Deciduous forests	KMM. KNL, CTR
122	*E. laevis* Roxb.	Small	Deciduous forests	All districts G19
123	*E. pubescens* Benth.	Small	Deciduous forests	Rayalseema, NLR
Cycadaceae				
124	*Cyca sphaerica* Roxb.	Small	Moist deciduous forests	N.Costal districts
125	*C. beddomei* Dyer	Small	Moist deciduous and Semievergreen forests	CDP, CTR
Dilleniaceae				
126	*Dillenia aurea* Smith	Small	Moist deciduous and Semievergreen forests	VSKP
127	*D. bracteata* Wight	Medium	Moist deciduous and Semievergreen forests	CTR
128	*D. indica* L.	Large	Valleys in moist deciduous forests/ cultivated.	VSKP, EG, WG, CTR
129	*D. pentagyna* Roxb.	Large	Moist deciduous and Semievergreen forests	KMM, Nalamallais, VSKP, EG, WG.
Dipterocarpaceae				
130	*Shorea robusta* Gaertn.f.	Medium to large	Moist deciduous and Semievergreen forests	VSKP, EG, WG
131	*S. roxburghii* G.Don (*S. talura* Roxb.)	Very large	Deciduous forests	Rayalaseema
132	*S. tumbuggaia* Roxb.	Large	Hills of deciduous forests	NLR, CTR, CDP
Ebenaceae				
133	*Diospyros assimilis* Bedd.	Large	Moist deciduous and Semievergreen forests	Visakhapatnam
134	*D. candolleana*	Small	Deciduous forests	VSKP, EG, WG
135	*D. chloroxylon* Roxb.	Small	Dry deciducous and Thorn forests	All districts
136	*D. ebenum* J. Koenig ex Retz.	Small	Dry evergreen forests	CTR
137	*D. exsculpta* Buch.- Ham.(*D. tomentosa* Roxb.)	Medium	Deciduous forests	Coastal districts
138	*D. melanoxylon* Roxb.	Small	Deciduous forests	All districts
139	*D. ovalifolia* Wight	Medium	Hills of deciduous forests	NLR. CDP, KNL, CTR, VSKP
140	*D. peregrina* (Gaertn.) Guerke	Medium	Moist deciduous forests along streams	VSKP, EG, WG, CTR
141	*D. sylvatica* Roxb.	Medium	Moist deciduous and Semievergreen forests	N. coastal districts
142	*Maba buxifolia* (Rotb.) A.L.Juss. (*Diospyros ferrea* (Willd..) Bakh)	Small	Deciduous forests	N. coastal districts & KNL, CTR, CDP, NLR
143	*M. neilgherrensis* Wight	Medium	Deciduous forests	Cuddapah
Elaegnaceae				
144	*Elaeagnus caudata* Schlecht ex Momiyama	Small	Moist deciduous and Semievergreen forests	VSKP
Elaeocarpaceae				
145	*Elaeocarpus lanceaefolius* Roxb.	Large	Moist deciduous and Semievergreen forests	VSKP
146	*E. lucidus* Roxb.	Large	Moist deciduous and	All districts

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Sl.	Botanical name	Tree Height	Vegetation type	Distribution
			Semievergreen forests	
147	*E. tectorius* (Laur.) Poir	Large	Semievergreen forests	VSKP
148	*Sloanea sterculia* (Benth.) Rehder & Wilson	Large	Semievergreen forests	All districts
Erythroxylaceae				
149	*Erythroxylum monogynum* Roxb.	Small	Dry Deciduous/dry evergreen forests	All districts
Euphorbiaceae				
150	*Alchornea mollis* Muell-Arg	Small	Semievergreen forests	VSKP
151	*Antidesma acidum* Retz	Small	Moist deciduous and Semievergreen forests	N. Coastal districts, CTR, CDP
152	*A. bunius* Spreng	Small	Moist deciduous and Semievergreen forests	VSKP, EG
153	*A. ghaesembilla* Gaertn.	Small	Deciduous forests	All districts
154	*A. menasu* Miq.	Medium	Moist deciduous and Semievergreen forests	EG, VSKP
155	*A. zeylanicum* Lam	Small	Deciduous forests	All districts
156	*Bischofia javanica* Blume	Medium	Moist deciduous and Semievergreen forests	EG
157	*Breynia vitis-idaea* (Burm.f) C.Fischer (*B.rhamnoides* (Retz) Muell-Arg)	Small	Deciduous forests	CTR, Nallamalais, EG, VSKP
158	*Bridelia cinerascens* Gehrm	Small	Deciduous forests	CDP, CTR, KNL, NLR
159	*Bridelia crenulata* Roxb.	Medium	Moist deciduous and Semievergreen forests	Nallamalais, SKLM
160	*B. hamiltoniana* Muell-Arg.	Small	Deciduous forests	All districts
161	*B. monoica* (Lour.) Merr.(*B. tomentosa* Blume)	Small	Deciduous forests	EG, VSKP
162	*B. montana* (Roxb.) Willd.	Small	Deciduous forests	All districts
163	*B. pubescens* Kurz	Medium	Moist deciduous and Semievergreen forests	VSKP
164	*B. retusa* (L.) Spreng.	Medium	Deciduous forests	All districts
165	*Cleistanthus collinus* (Roxb.) Hook f.	Small	Deciduous forests	All districts
166	*C. patulus* (Roxb.) Muell-Arg.	Small	Moist deciduous and Semievergreen forests	Coastal districts,CTR, CDP, KNL
167	*C. scabiosus* Bedd.	Small	Laterite soils of Thorn forests/hills	Rayalaseema
168	*Dimorphocalyx glabellus* Thw.	Small	Semievergreen forests	VSKP,EG
169	*D. kurnoolensis* V.Raju & Pullaiah	Small	Dry deciduous forests along streams	KNL
170	*Drypetes assamica* (Hook. f.) Pax. & Hoffon	Small	Moist deciduous and Semievergreen forests	VSKP
171	*D. roxburghi:* (Wall.) Hurusawa (Putranjiva roxburghii Wall.)	Medium	Deciduous forests	KMM, CTR, CDP
172	*Drypetes sepiaria* (Wight & Arn.) Pax & Hoffm (*Hemicyclia sepiaria* Wight & Arn.)	Small	Thorn forests, foot hills	VSKP, CDP, KNL
173	*Epiprinus mallotiformis* (Muell.-Arg.) Croizat (*Symphyllia mallotiformis* Muell-Arg.)	Small	Deciduous forests	EG, WG,VSKP
174	*Euphorbia antiquorum* L.	Small	Crevices of rocks on dry hills & Thorn	All districts

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Sl.	Botanical name	Tree Height	Vegetation type	Distribution
			forests/hedges	
175	*E. barnhartii* Croizat	Small	Crevices of rocks on dry hills & Thorn forests/hedges	Rayalaseema
176	*E. caducifolia* Haines	Small	Crevices of rocks on dry hills & Thorn forests/hedges	Rayalaseema
177	*E. cattimandoo* Elliot	Small	Crevices of rocks on dry hills & Thorn forests/hedges	KSN, KNL
178	*E . ligularia* Roxb.(*E. nerifolia* auct. non L.)	Small	Crevices of rocks on dry hills & Thorn forests/hedges	All districts
179	*E. nivulia* Buch-Ham	Small	Crevices of rocks on dry hills & Thorn forests/hedges	All districts
180	*E. tirucalli* L.	Small	Crevices of rocks on dry hills & Thorn forests/hedges	All districts
181	*E. tortillis* Rottl. ex Ainslie	Small	Thorn forests, among rocks on hills; hedges	CTR, NLR
182	*Givoia rottleriformis* Griff. (*G. moluccana* (L.) Sreem)	Medium	Hills of dry deciduous forests	All districts
183	*Glochidion ellipticum* Wight	Small	Moist deciduous and Semievergreen forests	VSKP
184	*G. tomentosum* Dalz.	Small	Moist deciduous and Semievergreen forests	EG, VSKP
185	*G. velutinum* Wight	Small	Moist deciduous and Semievergreen forests	CTR, KNL, VSKP, EG
186	*G. zeylanicum* (Gaertn.) Juss	Small	Riparian forests	All districts
187	*Homonia camberi* (Haine) Merr. (*Lasiococca camberi* Haine)	Small	Rocky ravines of moist forests	VSKP, CTR
188	*H. retusa* (Grahm) Muell.-Arg.	Small	Sandy river beds	EG, KNR, KSN
189	*H. riparia* Lour	Small	rocky crevices of streams in moist deciduous forests	All districts
190	*Jatropha curcas* L.	Small	Hedges/fences & out skirts of villages	All districts
191	*Macaranga peltata* (Roxb.) Muell.-Arg.	Medium	Moist deciduous forests & semievergreen forests	VSKP, EG, NLR, CTR
192	*Mallotus philippensis* (Lam) Muell.-Arg.	Medium	Moist deciduous and Semievergreen forests	All districts
193	*M. rhamnifolius* Muell-Arg.	Small	Streams of moist deciduous forests	VSKP, EG, CTR
194	*Mallotus philippensis* (Lam.) Muell.-Arg. var. *tomentosus* Gamble	Medium	Moist deciduous and Semievergreen forests	Prakasham
195	*Mallotus resinosus* (Blanco) Merr. (*M. muricatus* Bedd.)	Small	Moist deciduous and Semievergreen forests	Chittoor
196	*Margaritaria indica* (Dalz.) Airy Shaw	Medium	Moist deciduous and Semievergreen forests	Chittoor
197	*P. emblica* L.	Medium	Dry deciduous forests/ Cutivated	All districts
198	*P. indofischeri* Bennet	Small	Deciduous forests	CTR
199	*P. pinnatus* (Wight) Webster	Small	Thorn and dry deciduous	Rayalaseema, NLG, KSN

LISTS OF SPECIES

Sl.	Botanical name	Tree Height	Vegetation type	Distribution
	(*Chorisandra pinnata* Wight)		forests	
200	*P. polyphyllus* Willd.	Small	Deciduous forests	GNT, KNL, CTR, CDP
201	*P. reticulatus* Poir.	Small	Thorn forests and Hedges	All districts
202	*Sapium eugeniifolium* Buch.-Ham.	Small	Deciduous forests	All districts
203	*S. insigne* (Royle) Trimen	Small	Deciduous forests	CDP, KNL, CTR, NLR
204	*Securinega leucopyrus* (Willd.) Muell.-Arg. (Fluggea leucopyrus Willd.)	Small	Dry Hills & Thorn forests	All districts
205	*S. virosa* (Willd.) Bail. (*Fluggea microcarpa* Willd.)	Small	Thorn & dry deciduous forests	All districts
206	*Suregada angustifolia* (Bail. ex Muell.-Arg.) Airy Shaw (*Gelonium lanceolatum* auct-non Willd.)	Small	Deciduous forests	CTR, PKM, KNL, NLR, EG
207	*Suregada multiflora* (Juss.) Bail. (*Gelonium multiflorum* Juss.)	Small	Semievergreen forests	SKLM, VSKP
208	*Symphyllia mallotiformis* Muell.-Arg.	Small	Deciduous forests	CDP, CTR
209	*Trewia nudiflora* L.	Small	Along streams in Semievergreen forests	SKLM, VSKP
Flacourtiaceae				
210	*Casearia elliptica* Willd.(*C. tomentosa* Willd..)	Small	Deciduous forests	All districts
211	*C. ovata* (Lam.) Willd.(*C. esulenta* Roxb.)	Small	Deciduous forests	NLR
212	*C. graveolens* Dalz.	Small	Deciduous forests	SKLM, VJN, VSKP,EG, WG, PKM.
213	*Flacourtia indica* (Burm.f.) Merr. (F. ramontchi L' Herit)	Small	Deciduous forests	Most districts
214	*Flacourtia jangomas* (Lour.) Raeusch. *F. cataphracta* Roxb. ex Willd.	Small	Moist deciduous and Semievergreen forests	VSKP
215	*Homalium nepalense* Benth.	Small	Moist deciduous and Semievergreen forests	VSKP, EG
216	*H. zeylanicum* (Gard.) Benth.	Medium	Ravines in Deciduous forests	CTR
217	*Scolopia crenata* (Wight & Arn.) Clos.	Medium	Deciduous forests	CTR, CDP
218	*Xylosma longifolium* Clos	Small	Semievergreen forests	SKLM, VSKP
Flindersiaceae				
219	*Chloroxylon swietenia* Dc.	Medium	Deciduous forests	All districts
Hernandiaceae				
220	*Gyrocarpus americanus* Jacq. (*G.jacquinii* Roxb.)	Medium	Thorn forests and dry hills	All districts
Lauraceae				
221	*Actinodaphne madraspatana* Bedd. ex Hook.f.	Medium	Moist deciduous & semievergreen forests	Nallamalais, SKLM, VSKP
222	*Besichmiedia roxburghiana* Nees	Small	Moist deciduous forests/cultivated	CTR
223	*B. sikkimenisis* King ex. Hook.f.	Small	Moist deciduous and Semievergreen forests	EG
224	*Cinnamomum caudatum* Nees	Small	Semievergreen forests	VSKP
225	*Litsea deccanensis* Gamble	Medium	Moist deciduous and Semievergreen forests	CDP, CTR

LISTS OF SPECIES

Sl.	Botanical name	Tree Height	Vegetation type	Distribution
226	*L. glutinosa* (Lour) Robinson	Small	Moist deciduous and Semievergreen forests	VSKP, EG, WG, KMM, CDP, NLR (Critically endangered)
227	*L. laeta* (Nees) Hook f.	Small	Moist deciduous and Semievergreen forests	EG (ex Gamble)
228	*L. monopetala* (Roxb.) Pers	Medium	Moist deciduous and Semievergreen forests	EG, VSKP
229	*Neolitsea foliosa* (Nees) Gamble	Small	Moist deciduous and Semievergreen forests	CTR
230	*N.zeylanica (Nees)* Merr.	Medium	Semievergreen forests	VSKP
231	*P. macrantha* (Nees) Kosterm	Large	Moist deciduous and Semievergreen forests	VSKP
232	*Phoebe wightii* Meissn	Medium	Moist deciduous and Semievergreen forests	VSKP, MBN
Leeaceae				
233	*Leea indica* (Burm.f) Merr.	Small	Moist deciduous and Semievergreen forests	VSKP, EG, WG, PKM, GNT, NLR
Loganiaceae				
234	*Strychnos nux-vomica* L.	Medium	Deciduous forests	All districts
235	*S. potatorum* L.f.	Medium	Deciduous forests	All districts
Lythraceae				
236	*L. parviflora* Roxb.	Medium	Deciduous forests	All districts
237	*L. reginae* Roxb.(L. flos-reginae Retz., L. speciosa Pers.)	Medium	Moist deciduous forests/ cultivated	N. Coastal districts
238	*Lawsonia inermis* L.	Small	Hedges/cultivated	All districts
239	*Woodfordia fruticosa* (L.) Kurz. (*W. floribunda* Salisb.)	Small	Thorn and dry evergreen forests	All districts
Magnoliaceae				
240	*Michelia champaca* L.	Medium	Semievergreen forests / cultivated	VSKP
Malvaceae				
241	*Hibiscus platanifolius* (Willd..) Sweet	Small	Deciduous forests	VSKP, PKM, NLR, CTR, CDP
242	*Kydia calycina* Roxb.	Small	Moist deciduous and Semievergreen forests	Most districts
243	*Thespesia populnea* (L.) Sol.ex Corr.	Small	Littoral forests/ cultivated	EG, KSN, PKM, GNT
Melastomataceae				
244	*Memecylon edule* Roxb.	Small	Streams of Deciduous and dry evergreen forests	All districts
245	*M. gracile* Bedd.	Small	Moist deciduous and Semievergreen forests	EG
246	*M. grande* Retz.	Small	Moist deciduous and Semievergreen forests	VSKP
247	*M. lushingtonii* Gamble	Small	Moist deciduous and Semievergreen forests	CTR
248	*M. madgolense* Gamble	Small	Semievergreen forests	VSKP
249	*Memecylon molestum* (Clarke) Cogn.	Small	Deciduous forests	CDR, CTR
250	*M. umbellatum* Burm.f.	Small	Streams of Deciduous and dry evergreen forests	All districts.
Meliaceae				
251	*Aglaia jainii* Viswa.& Ramachan.	Medium	Semievergreen forests	VSKP

LISTS OF SPECIES

Sl.	Botanical name	Tree Height	Vegetation type	Distribution
252	*Aglaia eleagnoidea* (Juss.) Benth. var. beddomei (Gamble) Nair	Medium	Moist deciduous and Semievergreen forests	VSKP,EG,KMM,MBN,KNL
253	*Aphanamixis polystachya* (Wall.) Parker	Very large	Moist deciduous and Semievergreen forests	VSKP
254	*Azadirachta indica* A. Juss.(Melia azadirachta L.)	Medium	Cultivated / Naturalised in Thorn and degraded forests	All districts
255	*Chukrasia tabularis* Adr.	Large	Moist deciduous and Semievergreen forests	CDP, CTR.
256	*Cipadessa baccifera* (Roth) Miq.	Small	Moist deciduous and Semievergreen forests	N. Coastal districts, KMM,KNL,NLR
257	*Melia azedarach* L.	Medium	Cultivated / Naturalised	All districts
258	*M. dubia* Cav.(M. composita Willd..)	Large	Moist deciduous and Semievergreen forests	Nallamalais
259	*Soymida febrifuga* (Roxb.) A.Juss.	Medium	Dry Deciduous forests	All districts
260	*Toona ciliata* Roem.(Cedrela toona Roxb.)	Large	Moist deciduous and Semievergreen forests	VSKP
261	*Trichilia connaroides* (Wight & Arn.) Bentvelizen (Heynea trijnga Roxb. ex Sims.)	Medium	Moist deciduous & Semievergreen forests.	VSKP, EG, WG
262	*Walsura trifolia* (A.Juss.) Harms (W. piscida Roxb.)	Small	Moist deciduous & semievergreen forests.	VSKP, NLR, CTR, CDP
Mimosaceae				
263	*A. campbelli* Arnott	Small	Dry Deciduous forests	EG, WG,VSKP, NLR, CDP, MBN
264	*A.catechu (L.f.)* Willd.	Medium	Dry Deciduous forests	All districts
265	*Acacia eburnea* (L.f.) Willd.	Small	Dry Deciduous forests	Rayalaseema & KSN districts
266	*A. farnesiana* Willd.	Small	Thorn forests	All districts
267	*A. ferruginea* DC.	Small	Dry Deciduous forests	CTR
268	*A. horrida* (L.f.) Willd.(*A.latronum* (L.f.) Willd.)	Small	Dry Deciduous forests	ATP,KNL,GNT ,NLG
269	*A. leucophloea* (Roxb.) Willd.	Medium	Dry Deciduous forests	All districts
270	*A. nilotica* (L.) Willd. ssp. *indica* Benth. (*A. arabica* Willd.)	Medium	Cultivated / Naturalised	All districts
271	*A. planifrons* Wight & Arn.	Small	Dry localities of Hills: Thorn forests	ATP, KNL,GNT, KSN, NLG
272	*A. polyacantha* Willd.(*A.suma* (Roxb.) Buch-Ham ex Voigt)	Medium	Dry Deciduous forests	KSN, CTR
273	*A. tomentosa* Willd.	Small	Dry Deciduous forests	VSKP, EG, WG, CDP
274	*A. torta* (Roxb.) Craib	Small	Hills of Thorn forests	All districts
275	*Albizia amara* (Roxb.) Boivin	Small	Thorn, dry deciduous and dry evergreen forests	All districts
276	*A. chinensis* (Osbeck) Merr.(*A.stipulata* (Roxb.) Boivin)	Medium	Hills of Deciduous forests	All districts
277	*A. lebbeck* (L.) Willd.	Medium	Mostly cultivated; Runswild	All districts
278	*A. odoratissima* (L.f.) Benth.var. odoratissima	Medium	Deciduous forests	All districts
279	*A. procera* (Roxb.) Benth.	Large	Deciduous and Semievergreen forests	All districts
280	*A. thompsoni* Brandis	Medium	Dry Deciduous forests	Rayalaseema
281	*Dichrostachys cinerea* (L.) Wight &	Small	Thorn forests	All districts

LISTS OF SPECIES

Sl.	Botanical name	Tree Height	Vegetation type	Distribution
	Arn.			
282	*Leucaena leucocephala* (Lam.) De Wit (*L. latisiliqua* (L.) Gillis, *L. glauca* Willd.)	Small	Cultivated / Naturalised	All districts
283	*Mimosa hamata* Willd.	Small	Thorn forests	All districts
284	*Pithecellobium dulce* (Roxb.) Benth.	Medium	Cultivated / Naturalised	All districts
285	*Prosopis cineraria* (L.) Druce (*P. spicigera* L.)	Small	Thorn forests, dry stony lands	All districts
286	*P. chilensis* (Molina) Stuntz (*P. juliflora* (Sw.) DC.)	Small	Naturalised in Distrubed places; Thorn forests	All districts
287	*Xylia xylocarpa* (Roxb.) Taub. (*X. dolabriformis* Benth.)	Medium	Deciduous and Semievergreen forests	All districts
Moraceae				
288	*A. heterophyllus* Lam.(*A. integrifolia* auct non L.f)	Large	Semievergreen forests/Cultivated	VSKP, EG
289	*A. lacucha* Buch-Ham.	Large	Semievergreen forests/Cutivated	VSKP
290	*Cudrania cochinchinensis* (Lour.) Kodo & Masam	Small	Moist deciduous and Semievergreen forests	VSKP
291	*Ficus amplissima* Smith	Large	Moist deciduous and Semievergreen forests	All districts
292	*F. arnottiana* (Miq.) Miq	Small	Moist deciduous and Semievergreen forests	All districts
293	*F. asperrima* Roxb.	Medium	Moist deciduous and Semievergreen forests	EG, VSKP
294	*F. auriculata* Lour	Medium	Moist deciduous and Semievergreen forests	VSKP
295	*F. benghalensis* L.	Large	Plains & forests/cultivated	All districts
296	*F. dalhousiae* Miq	Medium	Moist deciduous and Semievergreen forests	CDP, CTR
297	*F. exasperata* Vahl	Small	Moist deciduous and Semievergreen forests	VSKP, EG, WG, NLR
298	*F. hispida* L.f.	Small	Damp localities of waste lands & Thorn forests	All districts
299	*F. microcarpa* L.f. (*F. retusa* auct.non L.)	Medium	Forests & outskirts of villages/cultivated	All districts
300	*F. mollis* Vahl (*F. tomentosa* Roxb. ex Willd.)	Large	Hills of dry Deciduous forests	All districts
301	*F. nervosa* Heyne ex.Roth	Large	Moist deciduous and Semievergreen forests	VSKP, EG
302	*F. oligodon* Miq.	Medium	Moist deciduous and Semievergreen forests	VSKP
303	*F. palmata* Forssk.	Small	Moist deciduous and Semievergreen forests	VSKP
304	*F. racemosa* L. (*F. glomerata* Roxb.)	Medium	Deciduous & semievergreen forests	All districts
305	*F. religiosa* L.	Medium	Cultivated / naturalised	All districts
306	*F. rumphii* Blume	Medium	Moist deciduous and Semievergreen forests	VSKP
307	*F. semicordata* Buch-Ham ex Smith (*F. cunia* Buch-Ham ex-Roxb.)	Medium	Moist deciduous and Semievergreen forests	N. Coastal districts, MBN
308	*F. talboti* King	Large	Deciduous forests	Rayalaseema
309	*F. tinctoria* Forster f.(*F. gibbosa*	Medium	Deciduous forests	All districts

LISTS OF SPECIES

Sl.	Botanical name	Tree Height	Vegetation type	Distribution
	Blume)			
310	*F. tsjakella* Rheede ex Burm.f	Large	Moist deciduous and Semievergreen forests	MBN, VSKP
311	*F. virens* Ait (F. *infectoria* Roxb.)	Large	Deciduous and Semievergreen forests	All districts
312	*Plecospermum spinosum* Trecul	Small	Deciduous forests	KNL, CTR, VSKP
313	*Streblus asper* Lour	Small	Thorn forests	All districts
314	*S. taxoides* (Roth) Kurz (*Phyllochlamys spinosa* (Roxb.) Bure.	Small	Moist deciduous and Semievergreen forests	VSKP, EG, CDP, CTR
Moringaceae				
315	*Moringa concanensis* Nimmo ex Gibs	Small	Deciduous forests	Coastal districts & KNL, MBN, KMM
316	*M. pterigosperma* Gaertn.(*M.oleifera* auct. non Lam.)	Small	Wild in villages/ cultivated	All districts
Myrsinaceae				
317	*Aridisia depressa* Clarke	Small	Semievergreen forests	VSKP
318	*A. solanacea* Roxb.	Small	Semievergreen & moist deciduous forests	N. coastal districts
319	*Embelia tsjeriam-cottam* DC.	Small	Deciduous forests	VSKP, EG, WG & Nallamalais.
320	*E. villosa* Wall	Small	Deciduous forests	VSKP, EG, WG & Nallamalais.
Myristicaceae				
321	*Knema attenuata* (Hk.&thw.) Warb.	Medium	Moist deciduous forests/ cultivated	EG, VSKP
Myrtaceae				
322	*Eugenia bractecta* (Willd.) Roxb ex. DC.	Small	Moist deciduous and Semievergreen forests	Coastal districts
323	*Syzygium alternifolium* (Wight) Walp.	Medium	Hills of moist deciduous forests	Rayalaseema
324	*S. calophyllifolium* Walp.	Large	Hills of moist deciduous forests	CDP
325	*S. cuminii* (L.) Skeels	Large	Riparian forests/Cultivated	All districts
326	*S. heyneanum* (Duthie) Wall.ex Gamble	Small	River beds and along streams in moist deciduous forests	KSN, EG
327	*S. malabaricum* (Bedd.) Gamble	Medium	Semievergreen forests	VSKP
328	*S. operculatum* (Roxb.) Nicolezu	Large	Semievergreen forests	VSKP
329	*S. samarangense* (Blume) Merrill & Perry	Large	Semievergreen forests	VSKP
Nyctaginaceae				
330	*Pisonia aculeata* L.	Small	Thorn and dry deciduous forests	ATP, GNT, CTR, VSKP
Nyctanthaceae				
331	*Nyctanthes arbor-tristis* L.	Small	Deciduous forests	All districts
Ochnaceae				
332	*Ochna lanceolata* Spreng.	Small	Deciduous forests	NLG, MBN, GNT, CDP
333	*O. obtusata* DC. var.*obtusata* Kanis (*O. squarrosa* auct. non L.)	Small	Deciduous forests	All districts
334	*O. obtusata* DC. var. *gamblei* (King	Small	Deciduous forests	All districts

LISTS OF SPECIES

Sl.	Botanical name	Tree Height	Vegetation type	Distribution
	ex Brandis) Kanis (*O. beddomei* Gamble)			
Olacaceae				
335	*Ximenia americana* L.	Small	Deciduous forests	All districts
336	*Ligustrum gamblei* Ramam.	Small	Moist deciduous and Semievergreen forests	EG
337	*Linociera intermedia* Wight	Small	Deciduous forests	N. Coastal districts
338	*L. malabarica* Wall ex. G.Don	Small	Moist deciduous and Semievergreen forests	CDP. North Coastal districts
339	*L. ramiflora* (Roxb.) Wall.ex G. Don	Small	Moist deciduous and Semievergreen forests	EG, VSKP, SKLM
340	*L. zeylanica* (L.) Gamble	Small	Deciduous forests	CDP. CTR, NLR, VSKP
341	*Olea glandulifera* Wall.ex. G.Don	Medium	Semievergreen forests	VSKP
342	*O. polygama* Wight	Medium	Semievergreen forests	CTR
343	*Schrebera swietenioides* Roxb.	Medium	Deciduous forests	N. Coastal districts, Nallamalais
Opiliaceae				
344	*Opilia amentacea* Roxb.	Small	Deciduous forests	VSKP, SKLM, GNT, KNL, MBN
Pandanaceae				
345	*Pandanus fascicularis* Lam. (*P. odoratissimus* L.f.)	Small	Marshy localities	All districts
Papilionaceae				
346	*Butea monosperma* (Lam.) Taub (*B. frondosa* Koen. ex Roxb.)	Small to medium	Thorn forests & distrubed lands	All districts
347	*Dalbergia lanceolaria* L.f.	Medium	Deciduous forests	KMM, N. Coastal districts
348	*D. latifolia* Roxb.	Medium to large	Deciduous forests	All districts
349	*D. paniculata* Roxb	Medium	Deciduous forests	All districts
350	*Erythrina fusca* Lour	Small	Moist deciduous and Semievergreen forests	SKLM
351	*E. stricta Roxb.*	Medium	Deciduous forests	GNT
352	*E. suberosa* Roxb.	Medium	Deciduous forests	All districts
353	*E. variegata* L.var. *orientalis* Merr.	Medium	Thorn and Deciduous forests; cultivated	Cultivated
354	*Ougeinia oojeinensis* (Roxb.) Hochr. (*Ougeinia dalbergioides* Benth.)	Medium	Moist deciduous and Semievergreen forests	N. Coastal districts, N. KMM
355	*Pongamia pinnata* (L.) Pierre (P. glabra Vent., Derris indica (Lam.) Bennet)	Medium	River banks, distrurbed soils/often planted as avenue tree; Thorn forests	All districts
356	*Pterocarpus marsupium* Roxb.	Medium	Deciduous and Semievergreen forests	All districts
357	*Pterocarpus santalinus* L.f.	Medium to large	Hills of deciduous forests	PKM, NLR, CDP, CTR
Pittosporaceae				
358	*Pittosporum napaulense* (DC.) Rehder & Wilson (*P. floribundum* Wight & Arn.)	Small	Moist Deciduous and semievergreen forests	VJN, VSKP, EG, CTR
Poaceae				
359	*Bambusa arundinacea* (Retz.) Roxb.	Large	Deciduous forests	All districts
360	*B. tulda* Roxb.	Large	Deciduous forests	VSKP

LISTS OF SPECIES

Sl.	Botanical name	Tree Height	Vegetation type	Distribution
361	*Dendrocalamus strictus* (Roxb.) Nees	Large	Deciduous forests	All districts
Rhamnaceae				
362	*Rhamnus nepalensis* Lawson	Small	Semievergreen forests	VSKP
363	*R. virgatus* Roxb.	Small	Moist deciduous and Semievergreen forests	VSKP
364	*Sageretia parviflora* (Klein) G.Don	Small	Moist deciduous and Semievergreen forests	VJN, VSKP, NLR, CDP, CTR
365	*Scutia myrtina* (Burm.f.) Kurz.	Small	Deciduous forests	All districts
366	*Ziziphus glabrata* Heyne ex Roth	Small	Deciduous forests	SKLM, VJN, KSN, GNT, KNL, KMM
367	*Z. horrida* Roth	Small	Deciduous forests	KNL, KSN
368	*Z. mauritiana* Lam. var *mauritiana*	Small	Thorn forests & Waste places	All districts
369	*Z. oenoplia* (L.) Mill.	Small	Thorn forests, open bushes & hedges	All districts
370	*Z. rugosa* Lam	Small	Thorn & Dry forests	All districts
371	*Z. xylopyrus* (Retz.) Willd.	Small	Thorn & Dry Deciduous forests	All districts
Rhizophoraceae				
372	*Carallia brachiata* (Lour) Merr.	Medium	Deciduous forests	CDP, CTR
Rosaceae				
373	*Rubus gardnerianus* O.Kuntze	Medium	Semievergreen forests	VSKP
Rubiaceae				
374	*Anthocephalus chinensis* (Lam.) A.Rich ex Walp. (*A.cadamba* (Roxb.) Miq.)	Large	Moist deciduous and Semievergreen forests	VSKP, EG, WG, CDP, Nallamalais, KMM
375	*Benkera malabarica* (Lam.) Tirveng.(Randia malabarica Lam.)	Small	Deciduous forests	All districts
376	*Canthium dicoccum* (Lam.) Teijsm & Binn var *dicoccum* (*Plectronia didyma* (Gaertn.) Kurz)	Small	Dry evergreen forests	All districts
377	*C. dicoccum* (Wight) Sant.& Merch. var. *umbellatum* (Wight) Sant. & Merch.	Small	Dry deciduous and Thorn forests	All districts
378	*C. parviflorum* Lam.	Small	Thorn forests	All districts
379	*Catunaregum spinosa* (Thunb.) Tirveng.(Randia dumetorum (Retz.) Poir. var. floribunda (DC.) Gamble)	Small	Thorn forests	All districts
380	*Catunaregum tomentosa* (Bl.ex DC.) Tirveng.	Small	Moist deciduous and Semievergreen forests	VSKP, EG
381	*Ceriscoides turgida* (Roxb.) Tirveng.(Gardenia turgida Roxb.)	Small	Deciduous forests	All districts
382	*Chomelia asiatica* (L.) O.Kuntze (*Tarenna asiatica* (L.) O. Kuntze)	Small	Deciduous forests	All districts
383	*Ixora brachiata* Roxb.ex DC.	Small	Moist deciduous and Semievergreen forests	EG
384	*Deccania pubescens* (Roth) Tirveng.var. *candolleana* Wight & Arn. (*Randia candolleana* Wight & Arn.)	Small	Deciduous forests	KNR, ATP, KSN, KNL, CDP, NLR
385	*Gardenia gummifera* L.f	Small	Deciduous forests	All districts
386	*G. latifolia* Ait.	Medium	Deciduous forests	All districts

LISTS OF SPECIES

Sl.	Botanical name	Tree Height	Vegetation type	Distribution
387	*G. resinifera* Roth (G. lucida Roxb.)	Small	Deciduous forests	All districts
388	*Haldinia cordifolia* (Roxb.) Ridsd. (*Adina cordifolia* (Roxb.) Hook.f. ex Brandis	Small	Deciduous forests	All districts
389	*Hymenodictyon obovatum* Wall.	Small	Deciduous forests	Nallamalais
390	*H. orixense* (Roxb.) Mabb.(*H. excelsum* (Roth.) Wall.)	Large	Deciduous forests	All districts
391	*Ixora arborea* (Roxb.) ex Smith. (*I. parviflora* Vahl)	Small	Deciduous forests	All districts
392	*Ixora undulata* Roxb.	Small	Moist deciduous and Semievergreen forests	SKLM, VSKP, KNL.
393	*Meyna spinosa* Roxb.ex. Link var. *pubescens* Robyns	Small	Moist deciduous and Semievergreen forests	VSKP
394	*Mitragyna parvifolia* (Roxb.) Korth.	Medium	Deciduous forests	All districts
395	*Morinda angustifolia* Roxb.	Small	Deciduous forests	VSKP & Nallamalais
396	*M. citrifolia* L.	Small	Moist deciduous and coastal forests	SKLM, VSKP, NLR.
397	*M. pubescens* J.E.Smith. var. *pubescens* (*M. tinctoria* Roxb.)	Small	Deciduous forests	All districts
398	*M. pubescens* J.E.Smith var. *stenophylla* (Sperng.) Kumari	Small	Deciduous forests	CTR
399	*Neonauclea purpurea* (Roxb.) Merr.	Small	Moist deciduous and Semievergreen forests	VSKP, EG, WG
400	*Pavetta breviflora* DC.var. *ciliolata* Gamble ex. Bremek.	Small	Deciduous forests	ATP
401	*P. hispidula* Wight & Arn.	Small	Moist deciduous and Semievergreen forests	EG
402	*P. indica* L.	Small	Deciduous forests	All districts
403	*P. tomentosa* Robb.ex Smith	Small	Deciduous forests	KNL. SKLM.VSKP
404	*Psychotria monticola* Kurz (*P. flava* Hook.f.)	Small	Moist Deciduous and semievergreen forests	VSKP
405	*Spermadictyon suaveolens* Roxb.	Small	Deciduous forests	VSKP, EG, WG, KNL, CDP.
406	*Tamilnadia uliginosa* (Retz.) Tirveng. & Sastri (*Randia uliginosa* (Retz.) DC.)	Small	Thorn & Dry deciduous forests	All districts
407	*Wendlandia angustifolia* (Wight & Hook.f.)	Small	Deciduous forests	CDP
408	*W. gamblei* Cowan	Small	Moist deciduous and Semievergreen forests	EG. VSKP
409	*W. heynei* (Roem.&Schult.) Santapau & Merchant	Small	Moist deciduous and Semievergreen forests	EG, VSKP
410	*W. thyrsoidea* (Roem & Schult.) Steud.(*W. notoniana* Wall. ex Wight & Arn.)	Small	Moist deciduous and Semievergreen forests	CDP
411	*W. tinctoria* DC. ssp. tinctoria	Small	Deciduous forests	All districts
Rutaceae				
412	*Acronychia pedunculata* (L.) Miq	Small	Moist deciduous and Semievergreen forests	VSKP
413	*Aegle marmelos* (L.) Correa	Small to medium	Deciduous forests/cultivated	All districts
414	*Atalantia monophylla* (L.) Correa	Small	Deciduous forests	All districts

LISTS OF SPECIES

Sl.	Botanical name	Tree Height	Vegetation type	Distribution
415	*A.racemosa Wight* & Arn.	Small	Moist deciduous and Semievergreen forests	CDP, CTR
416	*Citrus medica* L.	Small	Along streams in forests/cultivated	VSKP, PKM (Cultivated in all districts)
417	*Clausena heptaphylla* (Roxb.) Wight & Arn.	Small	Moist deciduous and Semievergreen forests	VSKP
418	*Euodia lunuakenda* (Gaertn.) Merr.	Medium	Moist deciduous and Semievergreen forests	EG
419	*Glycosmis mauritiana* (Lam.) Tanaka	Small	Deciduous forests	Coastal districts & Rayalaseema
420	*G. pentaphylla* (Retz.) DC.	Small	Deciduous forests	VSKP, EG, KMM, CTR, CDP
421	*Limonia acidissima* L.(Feronia elephantum Correa)	Medium	Dry deciduous forests & Thorn forests/cultivated.	All districts.
422	*Micromelum pubescense* Blume	Small	Deciduous forests	VSKP, KNL
423	*Murraya koenigii* (L.) Spreng.	Small	Deciduous forests/cultivated; runswild	All districts
424	*Murraya paniculata* (L.) Jack (M. exotica L.)	Small	Streams & ravines in forests & hills/cultivated.	VSKP, EG, NLR, CDP, cultivated in all districts.
425	*Naringi alata* (Wall . ex. Wight & Arn.) Ellis (Limonia alata Wall. ex	Small	Deciduous forests	SKLM, VSKP, Nallamalais.
426	*N.crenulata (Roxb.)* Nicolson (Limonia crenulata Roxb.)	Small	Deciduous forests	All districts.
427	*Pamburus missionis* (Wight) Swingle	Medium	Moist deciduous and Semievergreen forests	NLR, CTR, CDP
428	*Toddalia asiatica* (L).Lam. var. *floribunda* Gamble	Small	Deciduous forests	All districts
429	*Zanthoxylum armatum* DC.	Small	Semievergreen forests	EG, VSKP
430	*Z. ovalifolium* Wight	Small	Moist deciduous and Semievergreen forests	CTR
431	*Z. rhetsa* (Roxb.) DC.	Large	Moist deciduous and Semievergreen forests	VSKP,EG.
Sabiaceae				
432	*Meliosma pinnata* (Roxb.) Walp.	Medium	Semievergreen forests	VSKP
433	*M. simplicifolia* (Roxb.) Walp.	Medium	Moist Deciduous and semievergreen forests	VSKP
Salicaceae				
434	*Salix tetrasperma* Roxb.	Medium	Moist deciduous and Semievergreen forests	EG
Salvadoraceae				
435	*Salvadora persica* L.	Small	Deciduous forests	All districts
Santalaceae				
436	*Santalum album* L.	Small	Thorn forests/cultivated	VSKP, EG,KSN, Rayalaseema
Sapindaceae				
437	*Allophylus cobbe* (L.) Raeusch (*A.serratus* (Roxb.) Kurz)	Small	Deciduous forests	All districts
438	*Dodonaea viscosa* (L.) Jacq.	Small	Hill forests & open Thorns	All districts
439	*Erioglossum rubiginosum* Blume	Small	Moist deciduous and Semievergreen forests	VSKP, EG
440	*Lepisanthes tetraphylla* (Vahl) Radlk.	Small	Semievergreen forests	VSKP, NLR, CTR, KNL
441	*Sapindus emarginatus* Vahl	Small	Forests/cultivated	All districts

LISTS OF SPECIES

Sl.	Botanical name	Tree Height	Vegetation type	Distribution
442	*Schleichera* oleosa (Lour) Oken (*S.trijuga* Willd.)	Medium	Deciduous forests	All districts
Sapotaceae				
443	*Chrysophyllum roxburghii* Don	Medium	Moist deciduous and Semievergreen forests	EG
444	*Isonandra villosa* Wight	Medium	Deciduous forests	Nellore (Veligonda hills)
445	*Madhuca indica* J.F. Gmel.(*Bassia latifolia* Roxb.)	Medium	Deciduous forests	All districts
446	*M. longifolia* (J. Koenig) Macbr (Bassia longifolia J . Koenig ex. L.)	Medium	Deciduous forests	Nallamalais
447	*Manilkara hexandra* (Roxb.) Dubard	Small	Deciduous and dry evergreen forests	All districts
448	*M. roxburghiana* (Wight) Dubard	Medium	Deciduous forests	KNL
449	*Mimusops elengi* L.	Small	Moist deciduous forests/ cultivated	All districts
450	*Xantolis tomentosa* (Roxb.) Rap (*Sideroxylon tomentosum* Roxb.)	Medium	Moist deciduous and Semievergreen forests	VSKP, EG, WG
Simaroubaceae				
451	*Ailanthus excelsa* Roxb.	Large	Outskirts of villages & Thorn forests.	All districts
452	*Picrasma javanica* Blume	Medium	Moist deciduous and Semievergreen forests	VSKP
Sterculiaceae				
453	*Eriolaena hookeriana* Wight & Arn.	Small	Deciduous forests	All districts
454	*E. lushingtonil* Dunn	Small	Deciduous forests	Nallamalais
455	*E. quinquelocularis* (Wight & Arn.) Cleghorn	Small	Deciduous forests	KMM
456	*Firmiana colorata* (Roxb.) R.Br.(*Sterculia colorata* Roxb.))	Small	Moist deciduous and Semievergreen forests	All districts
457	*Helicteres isora* L.	Small	Deciduous forests	All districts
458	*Hildegardia populifolia* (Roxb.) Schott. & Endl. (*Sterculia populnifolia* Roxb.)	Small	Hills of Dry deciduous forests	CTR, CDP, ATP
459	*Pterospermum canescens* Roxb.(*P. suberifolium* (L.) Lam.)	Small	Deciduous forests	NLR, CTR, CDP
460	*P. xylocarpum* (Gaertn.) Sant.& Wagh	Medium	Deciduous forests	Most districts
461	*Sterculia foetida* L.	Large	Deciduous forests/cultivated	SKLM, VSKP, CDP
462	*S. urens* Roxb.	Medium	Deciduous forests	Most districts
463	*Embelia tsjeriam* cottam DC.	Medium	Deciduous forests	VJN, KNR
	Symplocaceae			
464	*Sympolos cochinchinensis* (Lour.) S. Moore	Medium	Semievergreen forests	VSKP
465	*S. theaefolia* D.Don	Small	Semievergreen forests	VSKP
Tiliaceae				
466	*Grewia abutilifolia* Vent. ex Juss.	Small	Deciduous and Semievergreen forests	N. Coastal districts
467	*G. damine* Gaertn. (*G. salvifolia* Heyne ex Roth)	Small	Deciduous forests	All districts
468	*G .elastica* Royle	Small	Deciduous forests	VSKP

LISTS OF SPECIES

Sl.	Botanical name	Tree Height	Vegetation type	Distribution
469	*G. flavescens* Juss.	Small	Dry deciduous forests & hedges	Most districts
470	*G. glabra* Blume	Small	Deciduous forests	VSKP,EG, WG,KSN
471	*G. heterotricha* Mast	Small	Deciduous forests	KSN
472	*G.laevigata Vahl* (*G. wightiana* Drumm.)	Small	Deciduous forests	SKLM, EG
473	*G. obtusa* Wall. ex Dunn.	Small	Deciduous forests	CTR, CDP, KSN, PKM, KNL
474	*G. orbiculata* Rottler (*G. rotundifolia* Juss.)	Small	Thorn forests & dry deciduous forests	All districts
475	*G. orientalis* L.	Small	Deciduous forests	All districts
476	*G. polygama* Roxb.	Small	Deciduous forests	MBN, EG
477	*G. rothii* DC.	Small	Deciduous forests	All districts
478	*G. subinaequalis* DC.	Small	Deciduous forests	VSKP
479	*G. tenax* (Forssk) Fiori	Small	Deciduous forests	All districts
480	*G. tiliifolia* Vahl (*G. tiliaefolia* Vahl)	Small	Deciduous and Semievergreen forests	All districts
481	*G. villosa* Willd.	Small	Deciduous forests	All districts
Ulmaceae				
482	*Celtis philippensis* Blanco ex.Wight	Medium	Moist deciduous and Semievergreen forests	VSKP, EG, WG, CTR, KNL
483	*C. tetrandra* Roxb.	Medium	Semievergreen forests	VSKP
484	*C. timorenisis* Spanoghe (*C. cinnamomea* Lindley)	Medium	Moist deciduous forests & Semievergreen forests	Nallamalais, EG, VSKP
485	*Holoptelia integrifolia* (Roxb.) Planchon	Large	Deciduous forests	All districts
486	*Trema orientalis* (L.) Blume	Medium	Moist deciduous and Semievergreen forests	All districts
Urticaceae				
487	*Boehmeria platyphylla* Don (*B. scabrella* Gaud..)	Small	Moist deciduous and Semievergreen forests	VSKP, EG
488	*Debregeasia longifolia* (Burm. f.) Wedd (*D. velutina* Gaud..)	Small	Moist deciduous and Semievergreen forests	VSKP, EG
489	*Laportea crenulata* Gaud.	Small	Moist deciduous and Semievergreen forests	VSKP, EG
Verbenaceae				
490	*Callicarpa arborea* Roxb.	Small	Moist deciduous and Semievergreen forests	N. Coastal districts
491	*C. macrophylla* Vahl	Small	Moist deciduous and Semievergreen forests	VSKP
492	*C. tomentosa* (L.) Murr.	Small	Moist deciduous and Semievergreen forests	VSKP, SKLM
493	*Clerodendrum phlomides* L.f.	Small	Hedges & Thorn forests	All districts
494	*C. viscosum* var. *nilagiricum* Hall.	Small	Moist deciduous and Semievergreen forests	All districts
495	*Gmelina arborea* Roxb.	Medium	Deciduous and Semievergreen forests	All districts
496	*G. asiatica* L.	Small	Thorn forests & hedges	All districts
497	*Premna corymbosa* (Burm.f.) Rottl. ex. Willd..	Small	Dry deciduous and Thorn forests	CTR, CDP
498	*P. hamiltonii* J.L.Ellis	Small	Moist deciduous and Semievergreen forests	KNL, VSKP

LISTS OF SPECIES

Sl.	Botanical name	Tree Height	Vegetation type	Distribution
499	*P. latifolia* Roxb. var. *latifolia*	Small	Hills of Deciduous forests	VSKP, EG, KNL, CDP
500	*P. latifolia* Roxb. var. *mollissima* (Roth.) Hook.f.	Small	Dry deciduous and Thorn forests	Rayalaseema
501	*Premna tomentosa* Willd..	Small	Dry deciduous forests and Hill slopes	All districts
502	*Tectona grandis* L.f.	Large	Deciduous and Semievergreen forests	All districts
503	*Vitex altissima* L.f.	Medium	Deciduous and Semievergreen forests	All districts
504	*Vitex leucoxylon* L.f.	Medium	Streams of Moist deciduous forests	Nallamalais, CTR
505	*V. negundo* L. var. *negundo*	Small	Hedges and river banks	All districts
506	*V. negundo* var. *pupurpurascence* Sivar. & Molde.	Small	Hedges in the outskirts of villages	EG, CTR
507	*Vitex peduncularis* Wall. ex Schauer	Medium	Deciduous and Semievergreen forests	VSKP, EG, WG, CTR, CDP
508	*V. pinnata* L. (*V. pubescens* Vahl)	Small	Moist deciduous and Semievergreen forests	VSKP, EG, WG, KMM, CTR
509	*V. quinata* (Lour.) F.N.Willliams	Small	Streams of Moist deciduous forests	VSKP
510	*V. trifolia* L.	Small	Deciduous forests	Coastal districts

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